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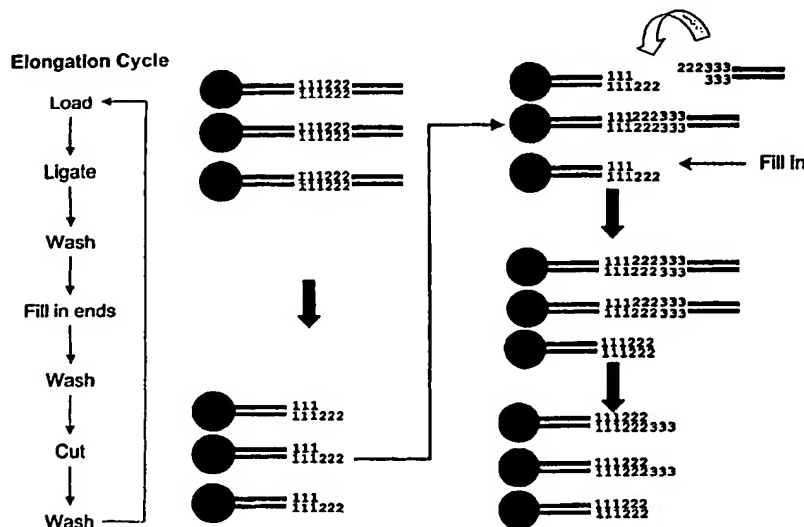
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(54) Title: METHODS FOR MAKING POLYNUCLEOTIDES AND PURIFYING DOUBLE-STRANDED POLYNU-
CLEOTIDES



(57) Abstract: The invention provides methods for identifying and purifying double-stranded polynucleotides lacking base pair mismatches, insertion/deletion loops and/or nucleotide gaps. The invention provides libraries of nucleic acid building blocks and methods for generating any nucleic acid sequence, including synthetic genes, antisense constructs and polypeptide coding sequences. The invention provides chimeric antigen binding molecules and the nucleic acids that encode them.



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